

Session Program

24–25 Nov 2025

**EUROfusion Science Meeting on Status of Enabling
Research Projects**

Technology & Systems Projects

<https://us02web.zoom.us/j/83911165612?pwd=RcwEY6aiqwdpSSGrcNxwkP5IWvyIF0.1>, Video Conference

Monday 24 November

10:20

Technology & Systems Projects

Session | Location: <https://us02web.zoom.us/j/83911165612?pwd=RcwEY6aiqwdpSSGrcNxwkP5IWvylF0.1>, Video Conference

10:20–10:30 **COFFEE BREAK**

10:30–11:10

Demonstration of a Travelling Wave Array antenna for Ion Cyclotron Resonance Heating in WEST

Speaker

Julien Hillairet

11:10–11:50

High confinement scenarios at positive and negative triangularity in the SMART spherical tokamak

Speakers

Eleonora Viezzer, Joaquin Galdon

11:50–12:30

Verification and control of fuel composition for optimized performance of fusion reactors

Speaker

Jesper Rasmussen

12:30–13:30

LUNCH BREAK

13:30–14:10

Measurement of atomic hydrogen and deuterium densities in fusion relevant plasmas using two-photon absorption laser induced fluorescence with femtosecond pulses (fs-TALIF)

Speaker

Marcelo Baquero Ruiz

14:10–14:50

Novel dual-harmonic gyrotrons for DEMO featuring fast switching between distant frequencies: concept elaboration and experimental demonstration of key elements

Speaker

Stefan Illy

14:50